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How to add a video with captions

Explanation and Live Demonstration

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How to add a video with captions

- In this presentation we will show how to add a video with captions as an Alma Digital Object.
- The functionality of adding and then viewing the video with captions exists for **both** the Alma Viewer and the Universal Viewer.
- See also on YouTube [Adding Closed Captions and Subtitles for Videos in Alma Digital](#)

How to add a video with captions

- We have a sample MP4 file which we have called "The earth spinning.mp4".
- The URL from which we got this file is https://file-examples.com/storage/fe137d1f80640cf1e98d9f6/2017/04/file_example_MP4_1920_18MG.mp4
- It is an 18MB file which was taken from the website <https://file-examples.com/> at https://file-examples.com/index.php/sample-video-files/sample-mp4-files/#google_vignette
- The corresponding vtt file we made ourselves.

How to add a video with captions

- Here is the text of the vtt file

```
WEBVTT
```

```
00:00:00.500 --> 00:00:03.500
```

```
Now we see the earth spinning
```

```
00:00:04.000 --> 00:00:09.500
```

```
We can see now the Nile River Basin and Israel, and area especially lit compared to the surroundings.
```

```
00:00:12.000 --> 00:00:17.500
```

```
Now we can see the lights of the United States. There appears to be the most lights on the east coast.
```

```
00:00:20.000 --> 00:00:24.500
```

```
The Pacific Ocean looks dark.
```

```
00:00:25.000 --> 00:00:29.500
```

```
And here comes parts of Asia, very well lit.
```

How to add a video with captions

- Here is our bibliographic record

The earth spinning (99491287600121)

Level [99]: [99] Senior librarian and close associates Record 02

LDR	00350ngm#a2200121lc#4500
001	99491287600121
005	20230313142758.0
008	190626p2022#####nyu022#####o###v eng#d
245 0 4	\$\$a The earth spinning
336	\$\$a two-dimensional moving image \$\$b tdi \$\$2 rdacontent
337	\$\$a computer \$\$b c \$\$2 rdamedia
338	\$\$a online resource \$\$b cr \$\$2 rdacarrier
347	\$\$a video file \$\$2 rda

How to add a video with captions

- We have created a digital representation and added the mp4 file.

File Details

Folder EXLDEV1_INST/upload/add_rep/ [i](#)

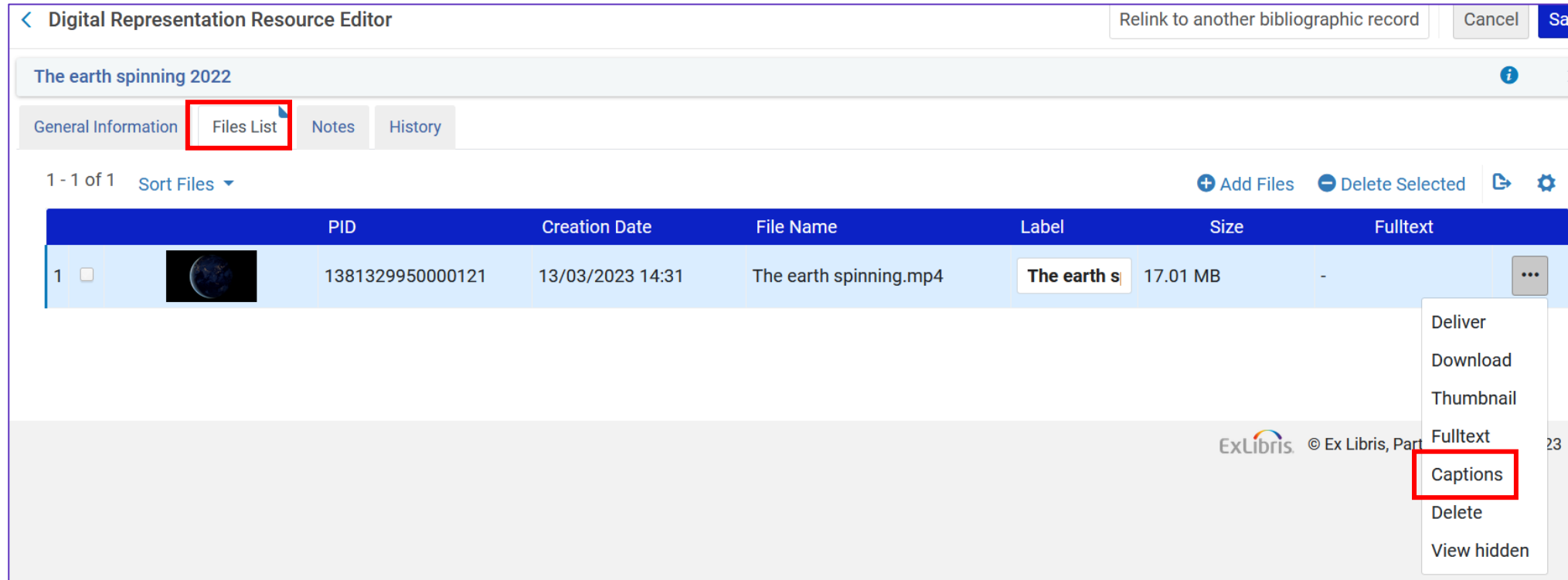
Upload

Add Files ▾ Start Over

File Name	Label	Size	Status	
The earth spinning.mp4	<input type="text" value="The earth spinning"/>	17.01 MB	Uploaded	<input type="button" value="Delete"/>

How to add a video with captions

- From the "Files List" tab of the "Digital Representation Resource Editor" we can add captions to the movie file.

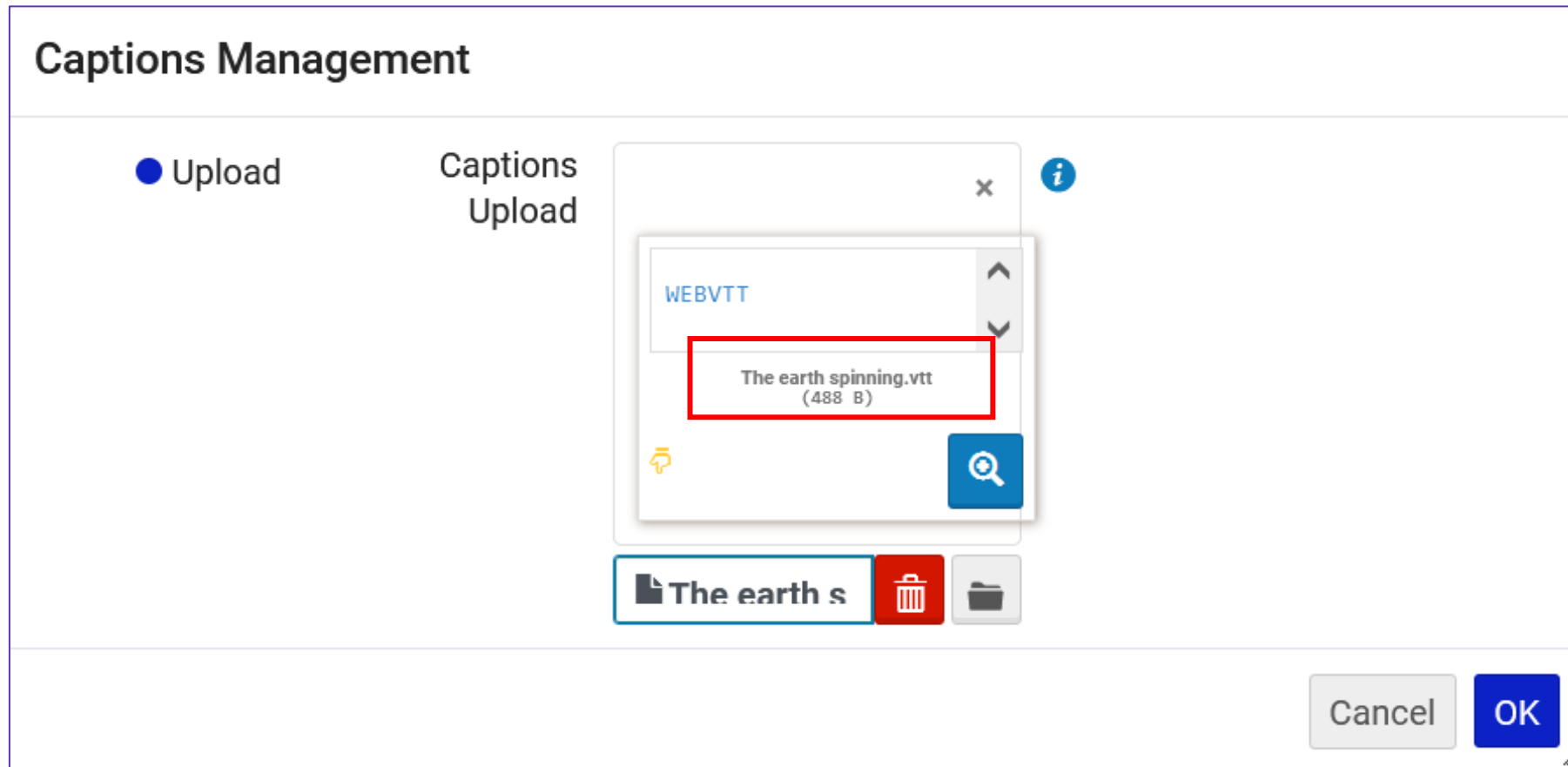


The screenshot shows the "Digital Representation Resource Editor" interface. The title bar reads "Digital Representation Resource Editor" and includes buttons for "Relink to another bibliographic record", "Cancel", and "Save". The main content area is titled "The earth spinning 2022" and has tabs for "General Information", "Files List", "Notes", and "History". The "Files List" tab is active and shows a table with one file entry. The table has columns for "PID", "Creation Date", "File Name", "Label", "Size", and "Fulltext". The file entry is "The earth spinning.mp4" with a label "The earth s" and a size of "17.01 MB". A context menu is open over the file entry, with options: "Deliver", "Download", "Thumbnail", "Fulltext", "Captions", "Delete", and "View hidden". The "Captions" option is highlighted with a red box. The footer of the interface includes the ExLibris logo and the text "© Ex Libris, Part" and "23".

	PID	Creation Date	File Name	Label	Size	Fulltext
1	1381329950000121	13/03/2023 14:31	The earth spinning.mp4	The earth s	17.01 MB	-

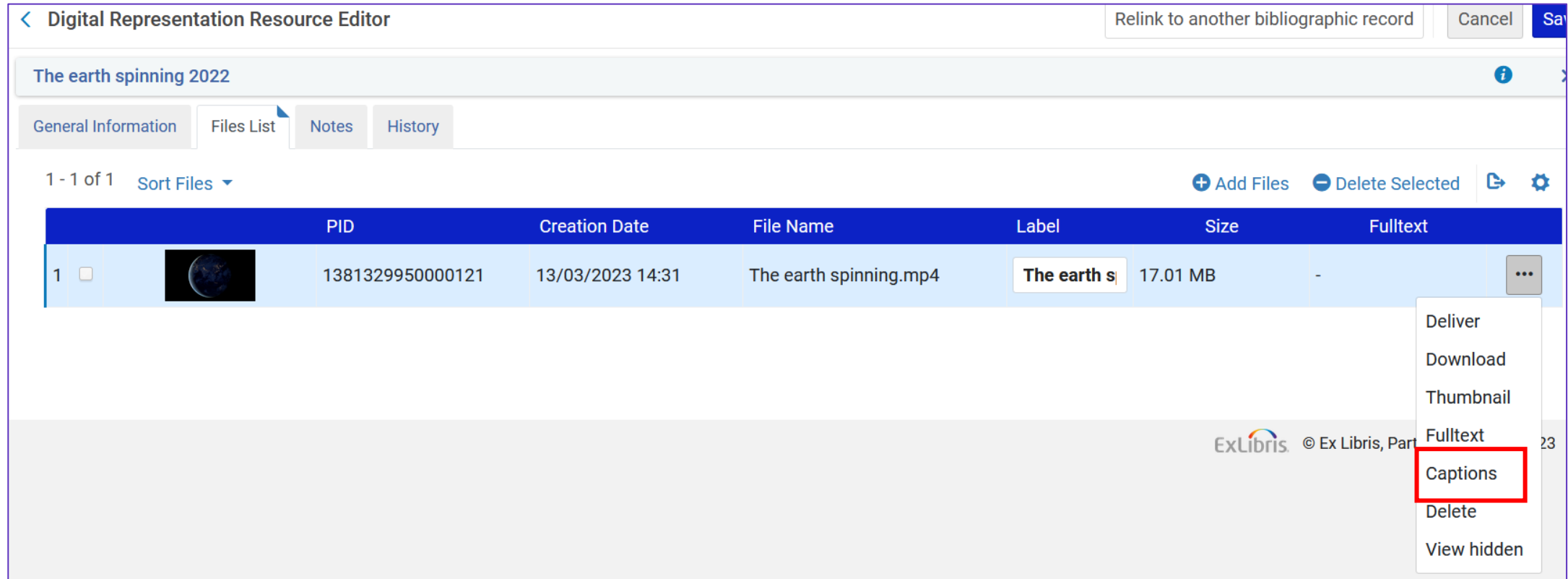
How to add a video with captions

- After clicking “Captions” we can upload the vtt file



How to add a video with captions

- The vtt file has been uploaded and now we will again click "captions"



The screenshot shows the 'Digital Representation Resource Editor' interface. The title bar reads 'The earth spinning 2022'. Below the title bar are tabs for 'General Information', 'Files List', 'Notes', and 'History'. The 'Files List' tab is active, showing a table with one file. The table has columns for 'PID', 'Creation Date', 'File Name', 'Label', 'Size', and 'Fulltext'. The file listed is 'The earth spinning.mp4' with a size of 17.01 MB. A context menu is open over the file, with the 'Captions' option highlighted in a red box. Other options in the menu include 'Deliver', 'Download', 'Thumbnail', 'Fulltext', 'Delete', and 'View hidden'. The footer of the interface includes the ExLibris logo and the text '© Ex Libris, Part'.



	PID	Creation Date	File Name	Label	Size	Fulltext
1	1381329950000121	13/03/2023 14:31	The earth spinning.mp4	The earth s	17.01 MB	-

How to add a video with captions

- We can see now that there already is a vtt file associated with the movie because there is a link "Download Existing".
- We can also delete the current vtt file or upload a new one.

Captions Management

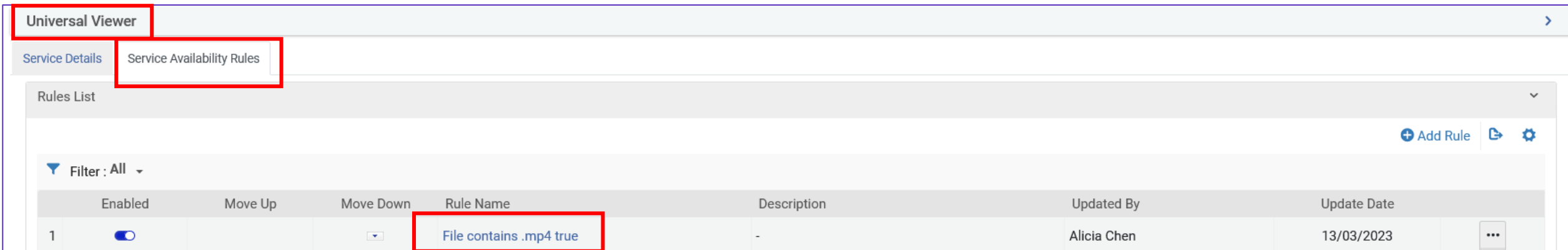
Download existing

Upload Captions Upload  

Delete

How to add a video with captions

- Now we will access the Universal Viewer definitions via “Configuration > Fulfillment > Discovery Interface Display logic > View Services”.
- Then we will switch to the “Service Availability Rules” and make sure that there is a rule which states that the Universal Viewer can be used for mp4 files.



The screenshot displays the configuration interface for the Universal Viewer. The top navigation bar shows "Universal Viewer" and "Service Availability Rules" (highlighted with a red box). Below this, the "Rules List" section is visible, featuring a filter set to "All" and an "Add Rule" button. A table lists the rules, with the first rule highlighted by a red box:

Enabled	Move Up	Move Down	Rule Name	Description	Updated By	Update Date
<input checked="" type="checkbox"/>			File contains .mp4 true	-	Alicia Chen	13/03/2023

How to add a video with captions

- Here is the rule

Edit rule

Name* **File contains .mp4 true**

Description

Created By - Created On **13/03/2023**

Updated By - Updated On **13/03/2023**

Input Parameters

+ Add Parameter

Name	Operator	Value
1 Representation's Files	Contains	.mp4

Output Parameters

Display* **True**

How to add a video with captions

- A user has found the record in Primo and clicks “Universal Viewer”

Digital Version(s) Availability
Showing 2 of 2 results

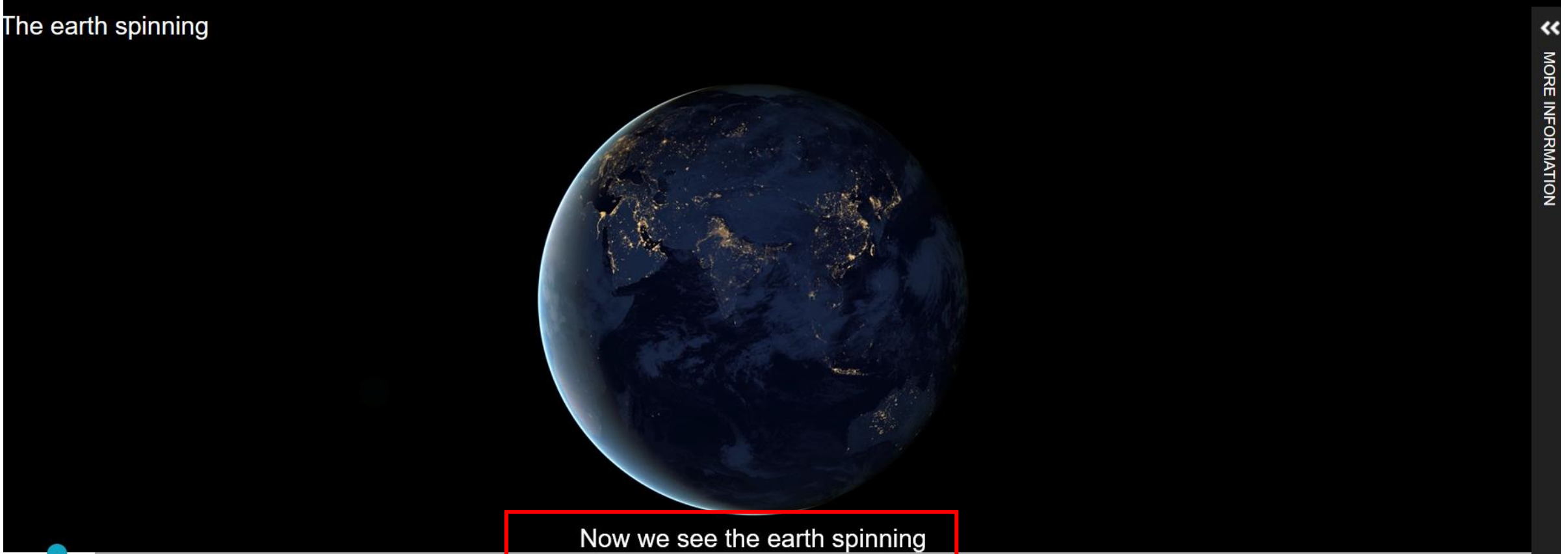
Universal Viewer	←
1 file/s (mp4, 17.01 MB)	
Alma viewer	
1 file/s (mp4, 17.01 MB)	

Details

Title	The earth spinning
-------	--------------------

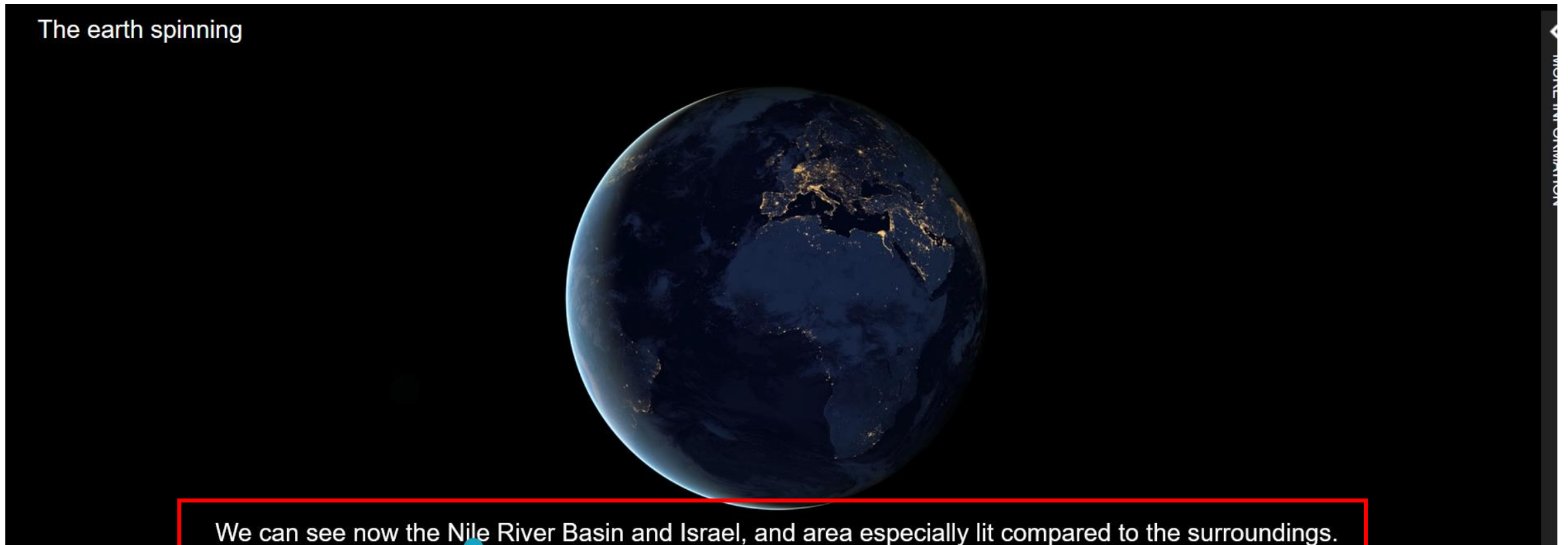
How to add a video with captions

- We see the movie and the captions according to the definitions in the vtt file



How to add a video with captions

- The captions change according to the definitions in the vtt file



How to add a video with captions

- More changes to the captions



How to add a video with captions

- A user has found the record in Primo and clicks "Alma Viewer"

Digital Version(s) Availability
Showing 2 of 2 results

Universal Viewer	1 file/s (mp4, 17.01 MB)
Alma viewer	1 file/s (mp4, 17.01 MB) ←


Details

Title	The earth spinning
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How to add a video with captions

- We see the movie and the captions according to the definitions in the vtt file

The earth spinning / The earth spinning



Title:
The earth spinning

Material Type:
Visual material

Date of Publication:
2022

Short Title:
The earth spinning


Collection Path:
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We can see now the Nile River Basin and Israel, and area especially lit compared to the surroundings.

How to add a video with captions

- The captions change according to the definitions in the vtt file

The earth spinning / The earth spinning



Now we can see the lights of the United States. There appears to be the most lights on the east coast.

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